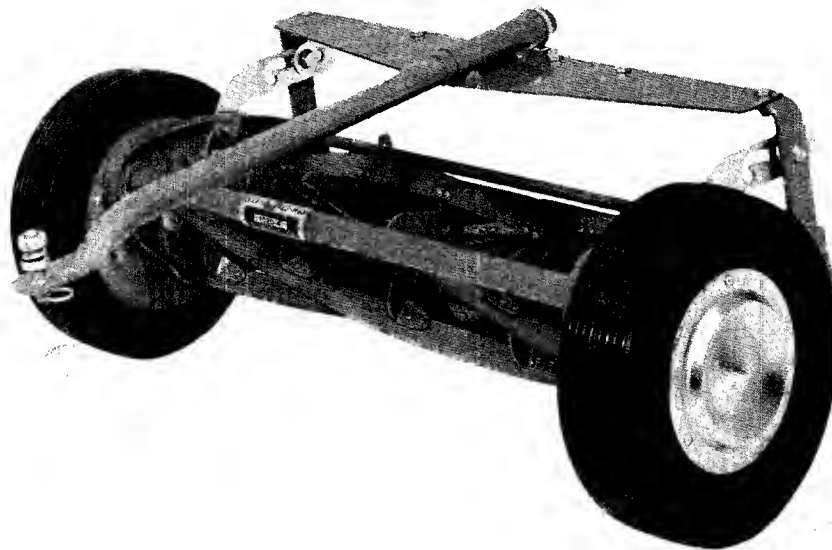


operating manual *and* **parts list**

MODEL 1020-6

**21-INCH
TRAILER MOWER**



YARD-MAN.

1410 West Ganson Street — Jackson, Michigan 49202

ADJUSTMENTS

TO CHANGE WHEELS FROM HIGH TO LOW CUT (FIG. 3)

1. Loosen axle nut approx. 3 turns. Disengage gear housing dowel from end plate by moving wheel & gear housing outward. Move wheel to desired setting shown below.
2. HIGH CUT— $1\frac{3}{4}$ to $2\frac{1}{4}$ in.
Axle nut located in hole 1 and dowel pin in hole 4.
MEDIUM CUT— $\frac{3}{4}$ to $1\frac{1}{4}$ in.
Axle nut located in hole 2 and dowel pin in hole 5.
LOW CUT— $\frac{3}{8}$ to 1 in.
Axle nut located in hole 3 and dowel pin in hole 6.
3. Be sure dowel pin & shoulder nut seat in side plate holes.
4. Tighten axle nut securely.
5. Adjust roller to level chassis & attain desired height of cut.

TO ADJUST ROLLER

1. Remove both roller hanger bolts.
2. Raise or lower roller to desired cut.
3. Set both sides of roller at same height, replace bolts and tighten.

SILENT YARDMAN PAPER TEST. (FIG. 2)

1. Insert strip of newspaper approx. 2" wide between cutter Bar & Reel
2. Turn reel slowly backward, with wheels off ground.
3. Adjust cutter bar so that reel blades pinch paper without cutting it.

TO TIGHTEN CUTTER BAR ADJUSTMENT (FIG. 1)

1. Loosen top nut (5) one quarter turn
2. Tighten lower nut (6)
3. Bolts (7 & 8) must be tight after adjustment (both sides)

TO LOOSEN CUTTER BAR ADJUSTMENT (FIG. 1)

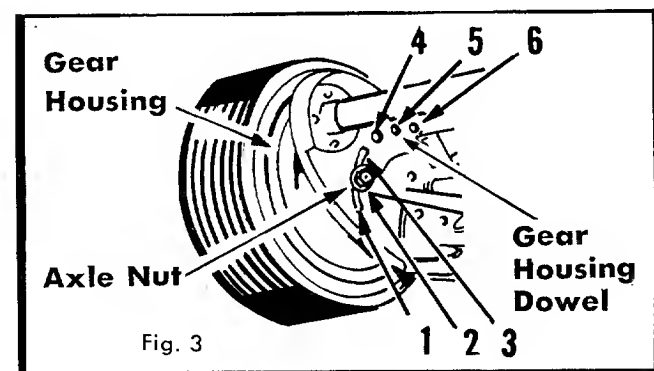
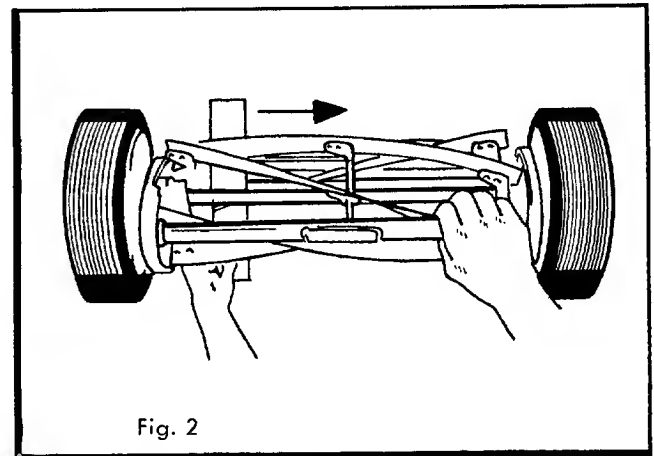
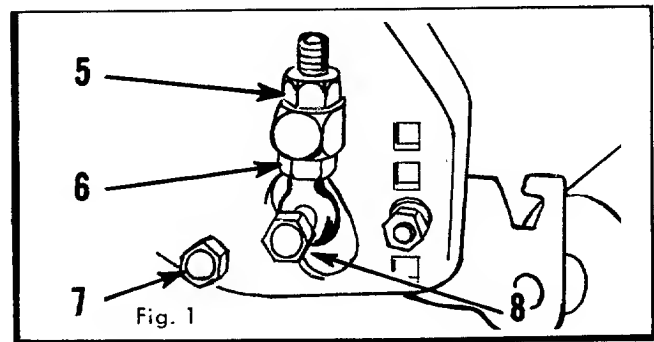
1. Loosen lower nut (6) one quarter turn
2. Tighten top nut (5)
3. Bolts (7 & 8) must be tight after adjustment (both sides)

NOTE:

When cutter bar is removed for sharpening, left hand pivot bolt (Item 7), must be turned counter clockwise to be removed. Right hand pivot bolt must be turned clockwise.

LUBRICATION

1. Seals on all bearings hold dirt out and grease in. No further lubrication is required until mower is sharpened.
2. Oil roller support and shaft once or twice a year.



SERVICE

1. Sharpening is required when the mower will not cut satisfactory without the reel blades wiping on the cutter bar.
2. Most lawn mower service shops are equipped with factory-built service equipment to give your mower the same precision it had when it came from the factory.

**TO ASSEMBLE MOWERS INTO GANG UNITS
SEE INSTRUCTIONS ON PAGE 4**

HITCH ASSEMBLY

1. Remove Trailer Mowers and Hitch Brackets from cartons. Carefully examine the illustrations of the assembled mowers. Correct assembly of the hitch is important in operating performance of the Trailer Mowers.
2. Insert Tow Bar through Tow Bar Plate. Secure with washer, clevis pin, and cotter. (Fig. 1)

ADJUSTMENTS

1. Cutting height of the Trailer Mower is adjustable from $\frac{1}{2}$ to $2\frac{1}{4}$ inches. See instructions for changing adjustment from High to Low Cut.
2. The Draw Bar should be in a parallel position for operation. The Tow Bar in this position is approximately 9 inches above the ground level. When the Tow Bar is in inverted position it is then approximately 11 inches above the ground level.
3. Whatever position the cutting height of mower is set Tow Bar should be located in parallel position.

OPERATION

The Hitch for this Trailer Mower has been designed to give dependable operating performance and flexibility under many lawn mowing conditions.

It is easily and quickly attached to your power unit. The Clevis Pin and Spring assembly provided with each Hitch permits independent floating action so that the mower will follow the contour of the lawn.

TRANSPORTING

Convenient transport brackets are provided for moving the trailer mower from place to place without damage to reel or cutter bar.

To engage transport brackets, lift front spacer tube to tilt mower back on roller as far as possible. While holding mower in this position lift up on ends of transport brackets to make certain that shoulder bolts in sides of bridge bar seat properly in notches at forward ends of bracket slots then release spacer tube.

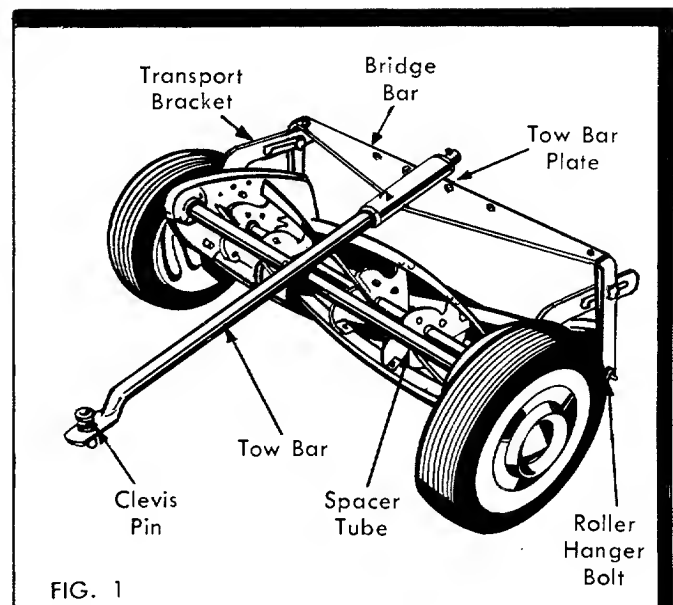


FIG. 1

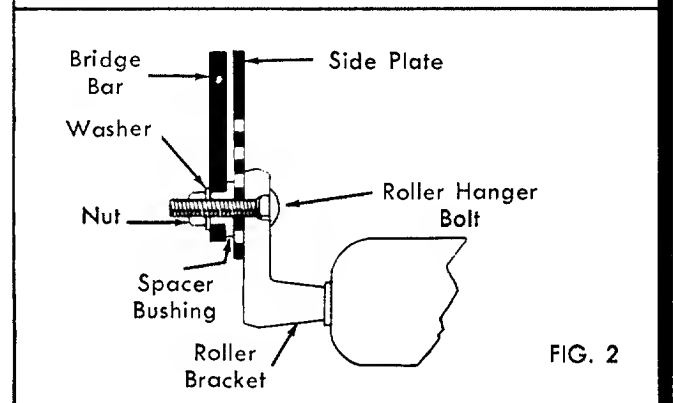


FIG. 2

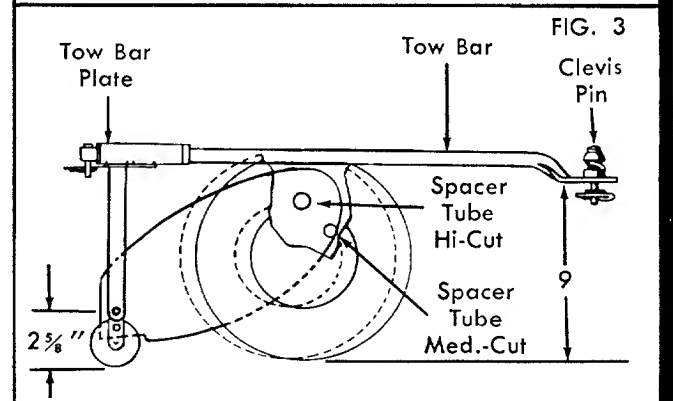
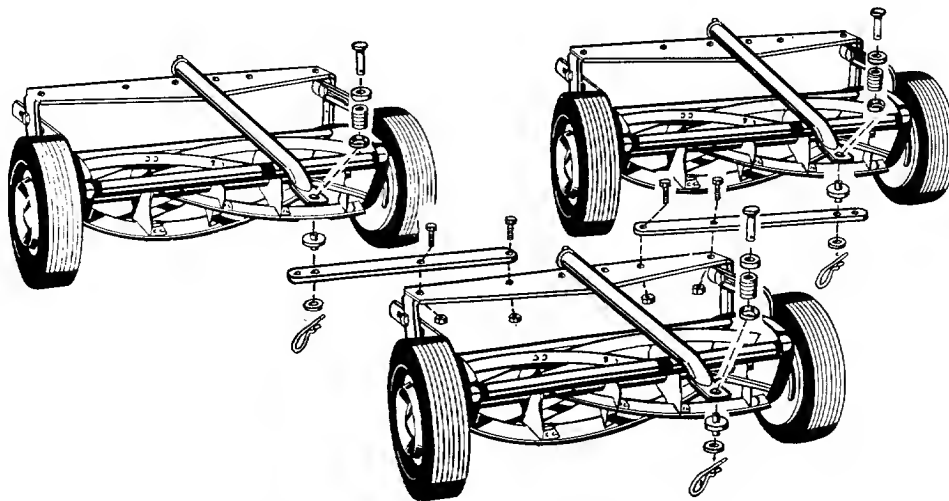


FIG. 3

The wheels, reel and cutter bar will remain suspended off the ground and mower will run on its rollers during transport.

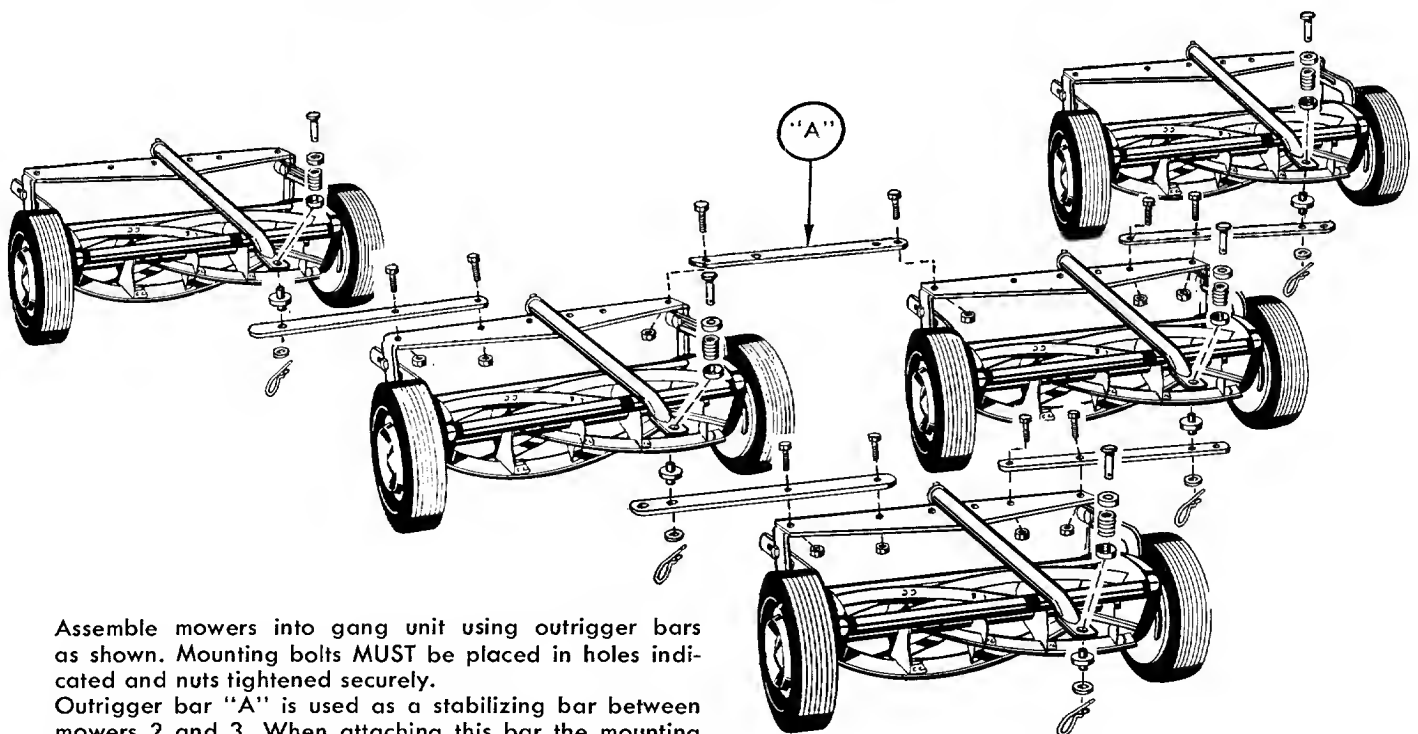
To return mower to mowing position, lift up on front spacer tube and press downwards at ends of transport brackets.

INSTRUCTIONS FOR ASSEMBLING THREE UNIT GANG



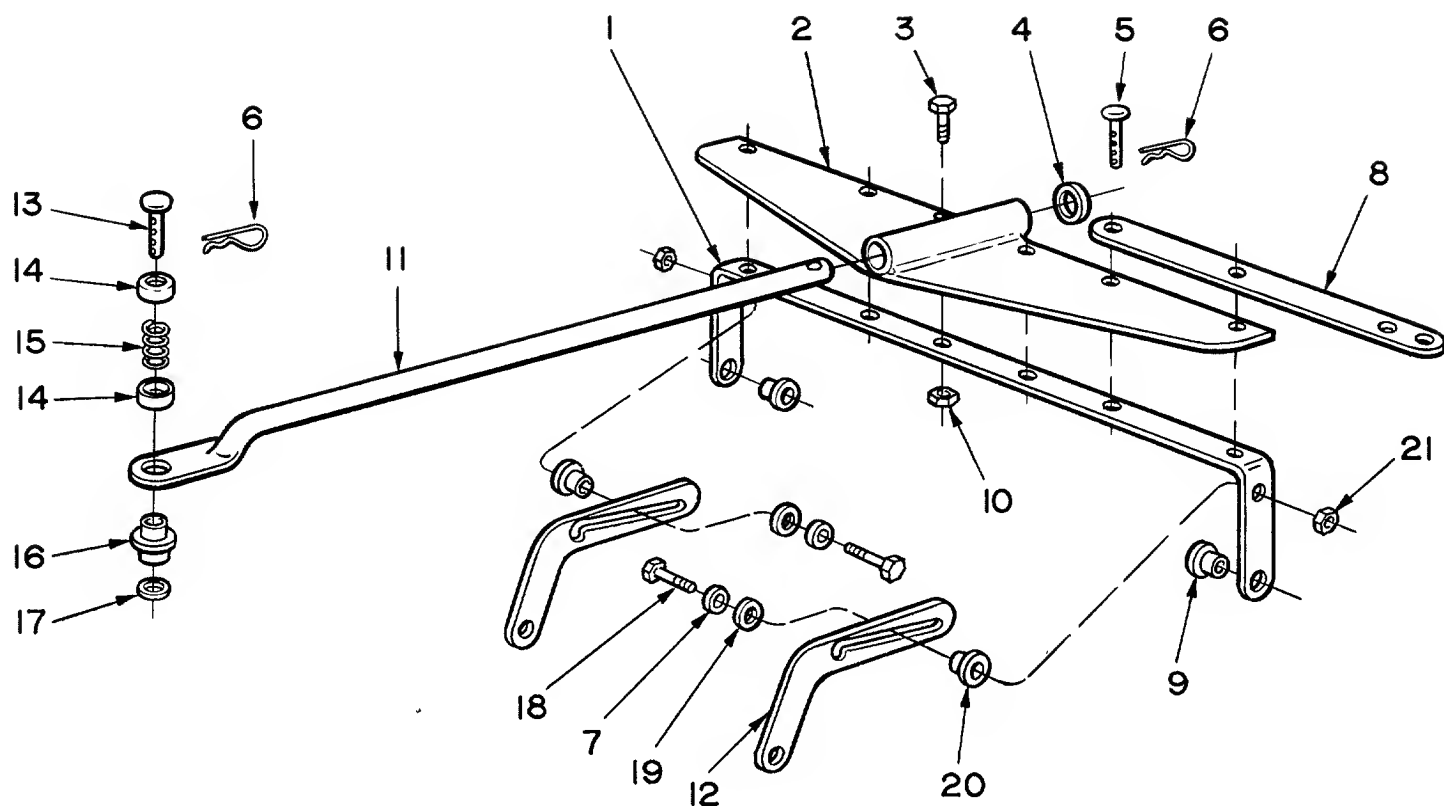
Assemble mowers into gang unit using outrigger bars as shown. Mounting bolts **MUST** be placed in holes indicated and nuts tightened securely. Keep additional clevis pins, springs, etc. for use as spare parts.

INSTRUCTIONS FOR ASSEMBLING FIVE UNIT GANG



Assemble mowers into gang unit using outrigger bars as shown. Mounting bolts **MUST** be placed in holes indicated and nuts tightened securely. Outrigger bar "A" is used as a stabilizing bar between mowers 2 and 3. When attaching this bar the mounting bolts **MUST** be placed in the end holes as shown. Tighten nuts securely then loosen each nut one full turn to permit bar to pivot. Keep additional clevis pins, springs, etc. for use as spare parts.

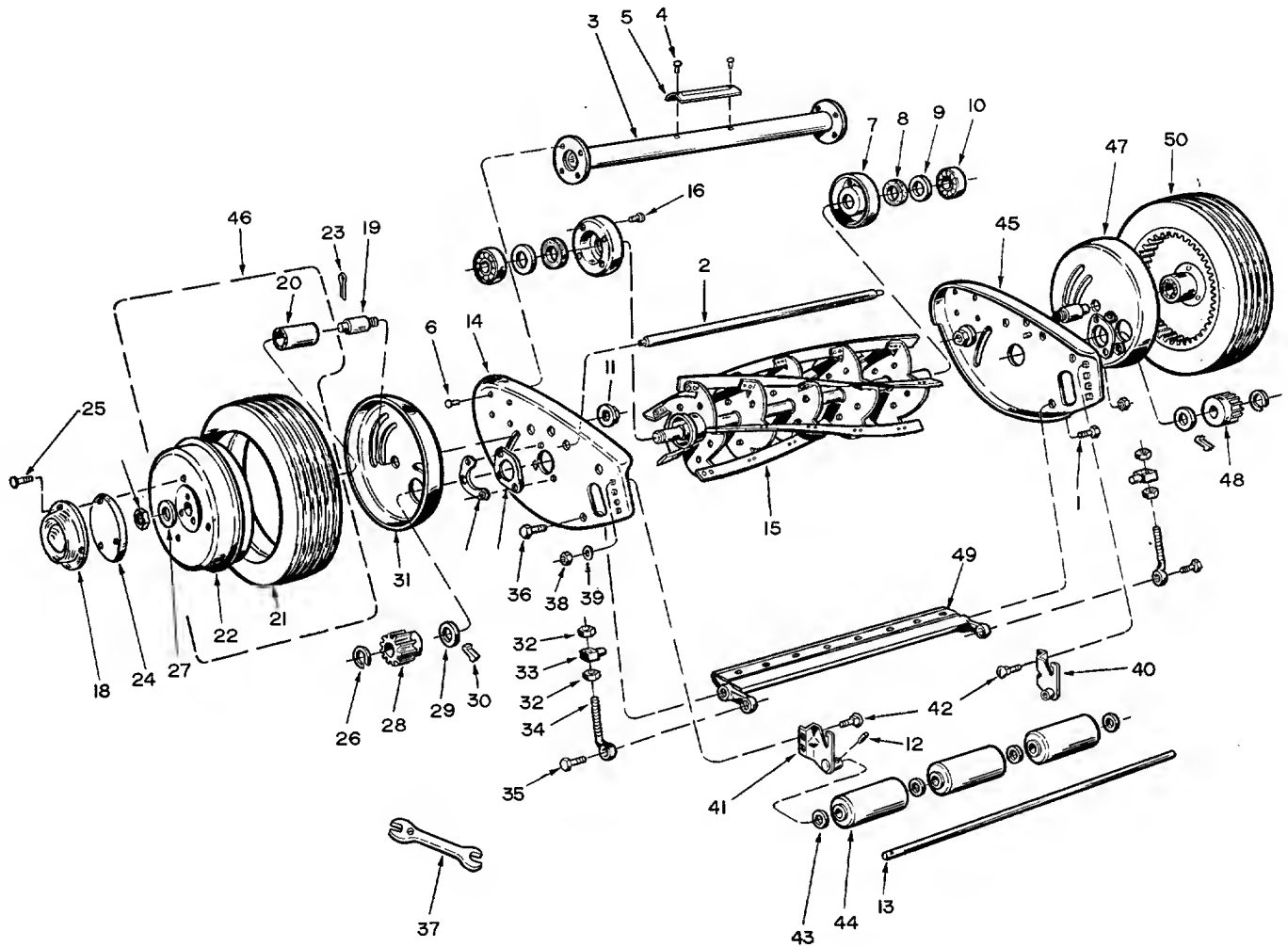
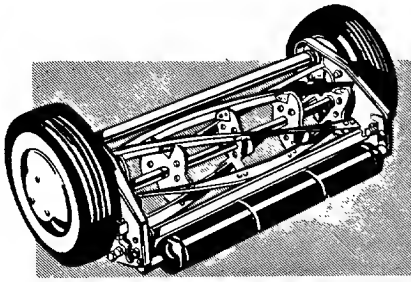
TRAILER HITCH



HITCH PARTS LIST

| REF. NO. | PART NO. | DESCRIPTION | REF. NO. | PART NO. | DESCRIPTION |
|-------------|------------|------------------------------|-------------|-------------|------------------------------|
| 1 | 3698-3-55 | Bridge | 12 | 2609-217-55 | Transport Bracket |
| 2 | 3111-68-55 | Tow Bar Plate Assembly | 13 | 1545-8 | Clevis Pin |
| 3 | 1509-17 | *Bolt (5/16 x 18 x 1) | 14 | 41-035 | Spring Cup |
| 4 | 1540-58 | Washer | 15 | 41-036 | Spring |
| 5 | 41-042 | Clevis Pin | 16 | 1657-16 | Bushing |
| 6 | 1547-5 | Cotter Pin | 17 | 41-046 | *Washer (11/32 x 7/8) |
| 7 | 1552-8 | Washer—Special | 18 | 1513-45 | Shoulder Bolt |
| 8 | 1697-5-55 | Outrigger Bar | 19 | 141 | Washer |
| 9 | 1657-5 | Spacer Bushing | 20 | 1624-135 | Spacer |
| 10 | 1538-6 | *Nut (5/16-18) | 21 | 1538-8 | *Nut—Hex (1/4-20 Lock) |
| 11 | 3125-6-55 | Tow Bar Assembly | | | |

*Standard Hardware Item—Purchase Locally.



ALL UNNUMBERED PARTS
INTERCHANGEABLE WITH
OPPOSITE SIDE

For Parts List, See Page 7

MODEL 1020-6

TRAILER MOWER

All parts listed herein may be ordered through YARD-MAN, INCORPORATED
WHEN ORDERING REPAIR PARTS, ALWAYS GIVE THE FOLLOWING INFORMATION AS
SHOWN IN THIS LIST:

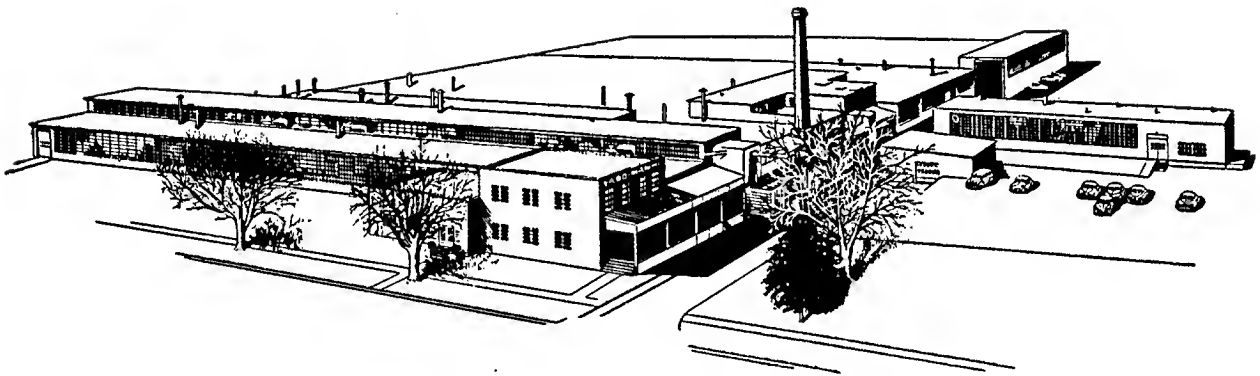
- | | |
|--------------------|---------------------|
| 1. The PART NUMBER | 3. The MODEL NUMBER |
| 2. The PART NAME | 4. The NAME of item |

Your Mower is right hand (R.H.) or left hand (L.H.) as you are seated on Mower.

PARTS LIST

| REF. NO. | PART NO. | DESCRIPTION | REF. NO. | PART NO. | DESCRIPTION |
|-------------|----------|---|-------------|----------|--|
| 1 | 1509-86 | Screw (Front L.H. Thd. _____) | 26 | 1650-21 | *Retaining Ring _____ |
| 2 | 2624-110 | Spacer-end Plate _____ | 27 | 141 | *Washer ($\frac{3}{8}$ x $1\frac{1}{4}$) _____ |
| 3 | 1112-15 | Spacer Tube Assembly—21" _____ | 28 | 428 | Pinion Gear—L.H. _____ |
| 4 | 1020 | *Screw (#6 x $\frac{1}{4}$ Self Tap) _____ | 29 | 109 | Felt Washer _____ |
| 5 | 1605-666 | Name Plate _____ | 30 | 323 | Pawl _____ |
| 6 | 1530-6 | *Rivet (3/16 x 3/8 Rd. Hd.) _____ | 31 | 1118-14 | Gear Housing—L.H. _____ |
| 7 | 1629-28 | Retainer _____ | 32 | 52 | *Nut ($\frac{3}{8}$ -24 Semi Fin Hex) _____ |
| 8 | 104 | Felt Washer _____ | 33 | 11 | Trunnion _____ |
| 9 | 106 | Felt Retainer _____ | 34 | 451 | Bolt—Cutter Bar Adjusting _____ |
| 10 | 3 | Bearing _____ | 35 | 453 | Screw (Rear) _____ |
| 11 | 1137-3 | Nut—Special _____ | 36 | 455 | Screw (Front) R. H. Thd. _____ |
| 12 | 1548-7 | Roll Pin _____ | 37 | 72 | Wrench _____ |
| 13 | 1632-84 | Roller Shaft _____ | 38 | 70 | *Nut ($\frac{3}{8}$ -18) _____ |
| 14 | 1129-180 | End Plate Trunnions—L.H. _____ | 39 | 159 | *Washer (5/16 x 5/8) _____ |
| 15 | 3135-36 | Reel Assembly—21" _____ | 40 | 2132-45 | Roller Bracket—R.H. _____ |
| 16 | 1530-20 | *Rivet (3/16 x 13/32 Rd. Hd.) _____ | 41 | 2132-44 | Roller Bracket—L.H. _____ |
| 17 | 1629-41 | Retainer _____ | 42 | 2003 | *Bolt (5/16-18 x 1 Carriage) _____ |
| 18 | 2674-27 | Hub Cap _____ | 43 | 1540-59 | *Washer ($\frac{1}{2}$ x 1-1/16) _____ |
| 19 | 1631-45 | Axle _____ | 44 | 1658-12 | Roller—3 Required _____ |
| 20 | 1652-52 | Bearing _____ | 45 | 1129-181 | End Plate with Trunnions—R.H. _____ |
| 21 | 2619-34 | Tire _____ | 46 | 1108-95 | Drive Wheel Assembly with Tire _____ |
| 22 | 1110-30 | Drive Wheel—Less Tire _____ | 47 | 1118-13 | Gear Housing—R.H. _____ |
| 23 | 1538-36 | *Nut ($\frac{3}{8}$ -16 Hex Lock) _____ | 48 | 425 | Pinion Gear—R.H. _____ |
| 24 | 2718-3 | Wheel Weight _____ | 49 | 3134-24 | Cutter Bar Assembly _____ |
| 25 | 1511-29 | *Screw (#10-32 x $1\frac{1}{4}$ Thd. Cutting) _____ | 50 | 1624-138 | Spacer _____ |

*Standard Hardware Item—Purchase Locally.



"You are cordially invited to visit
our plant at any time."